

**ATTACHMENT J-8
INTEGRATED LOGISTICS SUPPORT (ILS)
STATEMENT OF OBJECTIVES
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ATTACHMENT J-8
STATEMENT OF OBJECTIVES (SOO)
FOR INTEGRATED LOGISTICS SUPPORT (ILS)

1 INTRODUCTION

1.1 SCOPE

This attachment to the contract applies to any type of supplies and/or services performed within or for ILS assets. ILS assets include all facility commands and organizations (ELC, AR&SC, Training Centers, MLC Divisions, NESUs, ESUs, etc.) as listed in section 3.9.4 of the MSMP. ILS asset supplies and/or services may include but are not limited to business process reengineering, long-term or system-level functional support (maintenance, configuration management, information technology, training, etc.) and material management support (spares and repair parts, construction material, etc.). ILS asset supplies and/or services should be provided in coordination and conjunction with ILS provided under other IDS asset orders.

The Government anticipates planning and executing all construction work associated with the physical shore plant. The Government reserves the right to award this type of work to the Contractor if advantageous to the Government. The description of scope for each Contractor-developed SOW generated from this SOO shall clearly define the specific products and services to be delivered to the Government as a result of performance of the SOW. Delivery of data may be described by reference to the applicable Contract Data Requirements List (CDRL).

1.2 STRUCTURE OF THIS ATTACHMENT

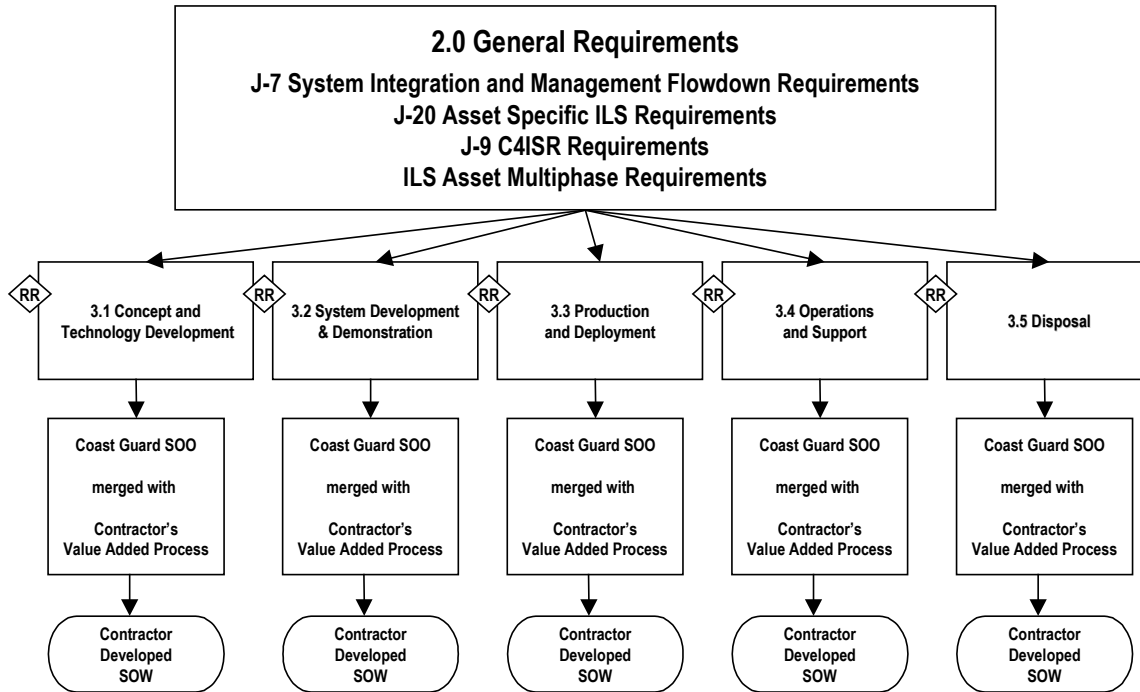
This attachment is structured such that it is applicable to all types of work as indicated above. There are two main sections to this attachment in addition to this Introduction Section. The General Requirements Section (2) contains tasks required to be performed as a part of task and/or delivery orders for all phases of ILS Asset related work. The Asset Phased Procurement Section (3) includes five subsections, each of which invokes the General Requirements Section tasks and further describes the minimum tasks to be performed for sequential acquisition phases as follows:

- Concept & Technology Development (3.1) includes but is not limited to conducting studies and tests to establish technical feasibility, demonstrating compliance with applicable performance specifications, requirements and standards and validating that ILS Asset performance can be achieved.
- Development & Demonstration (3.2) includes but is not limited to the detailed concept design and technology development for each IDS ILS Asset.
- Production & Deployment (3.3) includes but is not limited to the development, fabrication, modification, testing, qualification and delivery of ILS Assets that meet the requirements of the ILS Asset Statements of Work.
- Operations & Support (3.4) includes but is not limited to tasks supporting the sustainment of the ILS Asset throughout its service life in accordance with the Contractors ISP.

- Disposal (3.5) includes but is not limited to tasks to properly store, preserve, or de-preserve the ILS Asset.

The figure below depicts the structure of this attachment and how it relates to the Contractor's SOW Development process.

ILS Asset Statement of Objectives Structure / SOW Development Flow



2 GENERAL REQUIREMENTS

2.1 PROJECT MANAGEMENT

The Contractor shall perform ILS Asset specific project management for each ILS Asset in addition to IDS program management. It shall comply with all requirements set forth in section 2.1, including all subsections, of attachment J-7, the statement of work for IDS Systems Integration and Management. In addition, the Contractor shall assign an ILS Asset project manager specifically charged with the responsibility to establish, implement and maintain a management system and organization that will plan, organize, control, coordinate and oversee all contract activities relating to the ILS Asset task and/or delivery orders. The Contractor shall also integrate sub-contractors and vendors to provide overall direction and guidance, track progress and status, and integrate products and services provided by sub-contractors and vendors with the products and services provided by the Contractor.

2.1.1 REVIEWS AND AUDITS

The following Task and/or Delivery Order Review and Audit requirements apply in addition to the Post Award Conference, Project Management Review, and Technical Review requirements invoked from section 2.1.9, including all subsections, of attachment J-7, the statement of work

for IDS Systems Integration and Management. During each phase of ILS Asset related work, the Contractor shall plan and conduct reviews and audits IAW standard acquisition practices. Department of Defense (DoD) 5000.2(series), *Mandatory Procedures for Major Defense Acquisition Programs (MDAPs) and Major Automated Information System (MAIS) Acquisition Programs*, and Chapter 11 of *DSMC Systems Engineering Fundamentals* (http://www.dsmc.dsm.mil/pubs/gdbks/sys_eng_fund.htm) shall be used for guidance. The following paragraphs identify the minimum review and audit requirements. The Contractor shall propose additional reviews/audits as deemed necessary and implement all reviews and audits in the appropriate phase as determined by the Contractor and approved by the Government.

2.1.1.1 Design Reviews

The Contractor shall evaluate the technical progress relative to its technical or contractual requirements. Design Reviews will be conducted at logical transition points in the development effort to identify and correct problems resulting from the work completed thus far before the problems can disrupt or delay technical progress. Design Reviews provide a method for the Contractor and Government to determine that the development of an asset and its documentation has met contract requirements. The following Design Reviews are considered the minimum requirement:

- a) System Requirements Review (SRR)
- b) System Design Review (SDR)
- c) Software Specification Review (SSR)
- d) Preliminary Design Review (PDR)
- e) Critical Design Review (CDR)
- f) Production Readiness Review (PRR)

2.1.1.2 Audits

The Contractor shall conduct audits with Government participation in order to examine and validate the development of the configuration item. The following Audits are considered the minimum requirement:

- a) Functional Configuration Audit (FCA)
- b) Physical Configuration Audit (PCA)

2.2 QUALITY ASSURANCE

The Contractor shall provide and maintain an ILS asset-specific quality assurance system as part of the IDS quality assurance system. It shall comply with all requirements set forth in section 2.2, including all subsections, of Attachment J-7, the Statement of Work for IDS Systems Integration and Management.

2.3 DATA MANAGEMENT

The Contractor shall ensure that all information for ILS Asset task and/or delivery orders resides on the Integrated Product Data Environment (IPDE) required in Attachment J-7 as the data repository for all information required by this SOO including design and engineering work, logistics, production, management and other information which provides insight into the development and management of ILS Assets and task and/or delivery orders.

2.4 ENVIRONMENTAL MANAGEMENT

The Contractor shall establish and implement an ILS asset specific environmental management program as part of the IDS environmental management program. It shall comply with all requirements set forth in section 2.4, including all subsections, of Attachment J-7, the Statement of Work for IDS Systems Integration and Management.

2.5 SYSTEMS ENGINEERING

The Contractor shall establish and implement an ILS asset-specific systems engineering program as part of the IDS systems engineering program. It shall comply with all requirements set forth in section 2.5, including all subsections, of Attachment J-7, the Statement of Work for IDS Systems Integration and Management.

2.6 ASSET INTRINSIC C4ISR

The Contractor shall develop and deliver ILS intrinsic C4ISR hardware and software in accordance with the requirements of Attachment J-9, the Statement of Objectives for IDS C4ISR, and the C4ISR Architecture required in section 2.6, including all subsections, of Attachment J-7, the Statement of Work for IDS Systems Integration and Management. Asset Intrinsic C4ISR task descriptions shall be provided in a companion SOW(s) to be prepared and provided by the Contractor as an attachment to any overarching Asset SOW developed from this SOO.

2.7 LOGISTICS

The Logistics Requirements Matrix contained in Attachment J-20 lists requirements for system and asset level logistics development, design, production, implementation and disposal by ILS element. In developing an Asset Statement of Work (SOW) from this SOO, the Contractor shall tailor this matrix for the Asset by proposing additions, deletions and modifications consistent with their Asset and IDS ISP, CONOP, IMS/IMP, Implementation Plan, and unique production and support capabilities and processes. The matrix shall identify the asset applicability of, and proposed responsibility for, each requirement in each procurement phase in accordance with the instructions provided in Attachment J-20. The Contractor shall provide this tailored Logistics Requirements Matrix as an attachment to the proposed asset SOW. This attachment shall further include the specific, detailed, and phase-appropriate logistics work task descriptions for all Logistics Requirements Matrix requirements identified as either "Contractor" or "Joint" responsibility in the procurement phase for which the SOW is being developed.

2.8 TEST AND EVALUATION

The Contractor shall establish and implement an ILS Asset-specific test and evaluation program in accordance with all requirements set forth in section 2.8, including all subsections, of Attachment J-7, the Statement of Work for Systems Integration and Management.

2.9 CONCEPT OF OPERATIONS

The Contractor shall develop and maintain an ILS Asset-specific concept of operations reflecting realistic operational deployment of the ILS Asset. The ILS Asset concept of operations shall be consistent with the IDS concept of operations and shall comply with the requirements set forth in section 2.9.3 of Attachment J-7, the Statement of Work for Systems Integration and Management.

2.10 TASK AND /OR DELIVERY ORDER PLANNING AND DEVELOPMENT

Following the initial ILS asset delivery order, the Contractor shall comply with the requirements of the Task and Delivery Order Planning and Development section 2.10, including all subsections, of Attachment J-7, SOW for IDS Systems Integration and Management, to define and plan C4ISR asset work for the subsequent procurement phase.

2.11 LOGISTICS INFORMATION TECHNOLOGY SYSTEMS

The Contractor shall develop and deliver ILS-intrinsic C4ISR hardware and software in accordance with Attachment J-9, the SOO for IDS C4ISR, when providing system components applicable to the ILS Asset C4ISR Architecture.

3 ASSET PHASED PROCUREMENT

The following sections describe the objectives for the phased progression of asset-related work from concept and technology development through disposal. The objectives and the associated minimum requirements presented in each section, in addition to the General Requirements of Section 2, form the basis for asset- and phase-specific task and/or delivery order SOW development in accordance with the Task and/or Delivery Order Planning and Development process described in Section 2.10. For all procurement phases appropriate to an asset, the Contractor shall augment and expand upon these minimum requirements to define the complete and detailed work effort required to achieve the stated objectives. Note that not all phases need apply to all assets. For example, for near term retirement of a legacy asset only support and disposal tasks may apply; if concept and technology demonstration was accomplished during Phase I, it may not need to be repeated; if no Contractor support is proposed, operations and support tasks may not apply.

3.1 CONCEPT AND TECHNOLOGY DEVELOPMENT

The objective of the ILS Asset Concept and Technology Development Phase is to define ILS Asset performance requirements and validate that they can be achieved.

The work in this phase includes but is not limited to: conducting studies and tests to establish technical feasibility, demonstrating compliance with applicable performance specifications, requirements and standards and validating that asset performance can be achieved. These functions are to be performed in conjunction with the ILS element requirements (e.g., supply support, training, computer resources support, maintenance, personnel, support and test equipment, etc.) as delineated in Attachment J-20.

3.2 *SYSTEM DEVELOPMENT AND DEMONSTRATION*

The objective of the ILS Asset Development and Demonstration Phase are to (1) complete the detailed design efforts necessary to ensure the producibility, construction, manufacturing, operations, maintenance and repair and (2) demonstrate system integration, interoperability and utility for each ILS Asset.

The Contractor shall include a detailed technical design for each IDS Logistics asset that provides all engineering, design, technical and support efforts necessary for the development of a complete, accurate technical description of the IDS Logistics asset. This effort will produce the descriptive documentation that meets the requirements of the asset specification and is adequate for use in production/construction/manufacturing, and for operations, maintenance and repair. These functions are to be performed in conjunction with the ILS element requirements (e.g., supply support, training, computer resources support, maintenance, personnel, support and test equipment, etc.) as delineated in Attachment J-20.

3.3 *PRODUCTION AND DEPLOYMENT*

The objective of ILS Asset Production and Deployment Phase is to deliver an ILS Asset that meets the readiness and operational support requirements delineated in the Asset Integrated Support Plan.

The work in this phase includes but is not limited to: development, fabrication, modification, testing, qualification and delivery of the Logistics asset to meet the requirements of the asset Integrated Support Plan. These functions are to be performed in conjunction with the ILS element requirements (e.g., supply support, training, computer resources support, maintenance, personnel, support and test equipment, etc.) as delineated in Attachment J-20.

3.4 *OPERATIONS AND SUPPORT*

The objective of the ILS Asset Operations and Support Phase is to assist in maintaining reliability, availability, maintainability and operational capability of ILS Assets.

3.4.1 GENERAL

The Contractor shall perform all tasks identified in Section 2, General Requirements, in a manner consistent with the objectives of this procurement phase.

3.4.2 OPERATIONS AND SUPPORT

The Contractor shall execute all Contractor responsibilities in accordance with the approved ILS Asset specific ISP, logistics requirements matrix and CONOPS.

3.5 *DISPOSAL*

The objective of the ILS Asset Disposal Phase is to demilitarize and dispose of ILS Assets in accordance with all legal and regulatory requirements relating to safety, security and the environment at the end of the ILS Asset's useful service life. In addition to the tasks specified in Section 2, the basic asset support requirements to be addressed in this phase include: material phase-out, recycling and/or disposal.

3.5.1 DISPOSAL PLAN

The Contractor shall develop a Disposal Plan for the phase-out, decommissioning, remediation or removal from service of any ILS Asset. This Plan shall be delivered no less than 18 months prior to the disposal. The plan will include at a minimum, methodology, cost, environmental issues and concerns, personnel impacts, equipment disposal, permits.

3.5.2 DISPOSAL

The Contractor shall provide all services, labor, tools, tooling, materials when applicable, and equipment, except those listed as Government furnished, to properly decommission, transport, dispose of, store, preserve, or reactivate the ILS asset in accordance with the approved Disposal Plan, Implementation Plan and the ISP. The Government reserves the right to unilaterally exercise this requirement on a per asset basis.